

Data File : VV008747.D
Acq On : 28 Nov 2018 19:45
Operator : SY/MD
Sample : J6076-07
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YALR0

Quant Time: Nov 29 03:28:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 29 03:24:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	158130	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	146209	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62515	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45548	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	37348	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.80%
11) 1,1-Dichloroethene-d2	2.13	63	68965	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.98	46	139405	56.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.92%
24) Chloroform-d	4.41	84	109391	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.09	65	56822	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.10	84	232105	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.12	67	70484	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	204721	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloropropene-	7.67	79	22345	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.14	63	91403	51.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.28%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45191	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	72305	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	10495	0.773 ug/L	96
9) Trichlorofluoromethane	1.77	101	2635	0.176 ug/L	98
12) 1,1-Dichloroethene	2.14	96	1361	0.172 ug/L #	1
27) 1,2-Dichloroethane	5.10	62	1272	0.110 ug/L #	77
34) Trichloroethene	5.96	95	2753	0.227 ug/L	94
35) Methylcyclohexane	6.12	83	16722	0.865 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7656	0.695 ug/L #	88
45) 1,1,2-Trichloroethane	8.02	97	825	0.112 ug/L #	1
47) Tetrachloroethene	8.02	164	95281	10.413 ug/L	97
49) Dibromochloromethane	8.02	129	86588	11.234 ug/L #	10

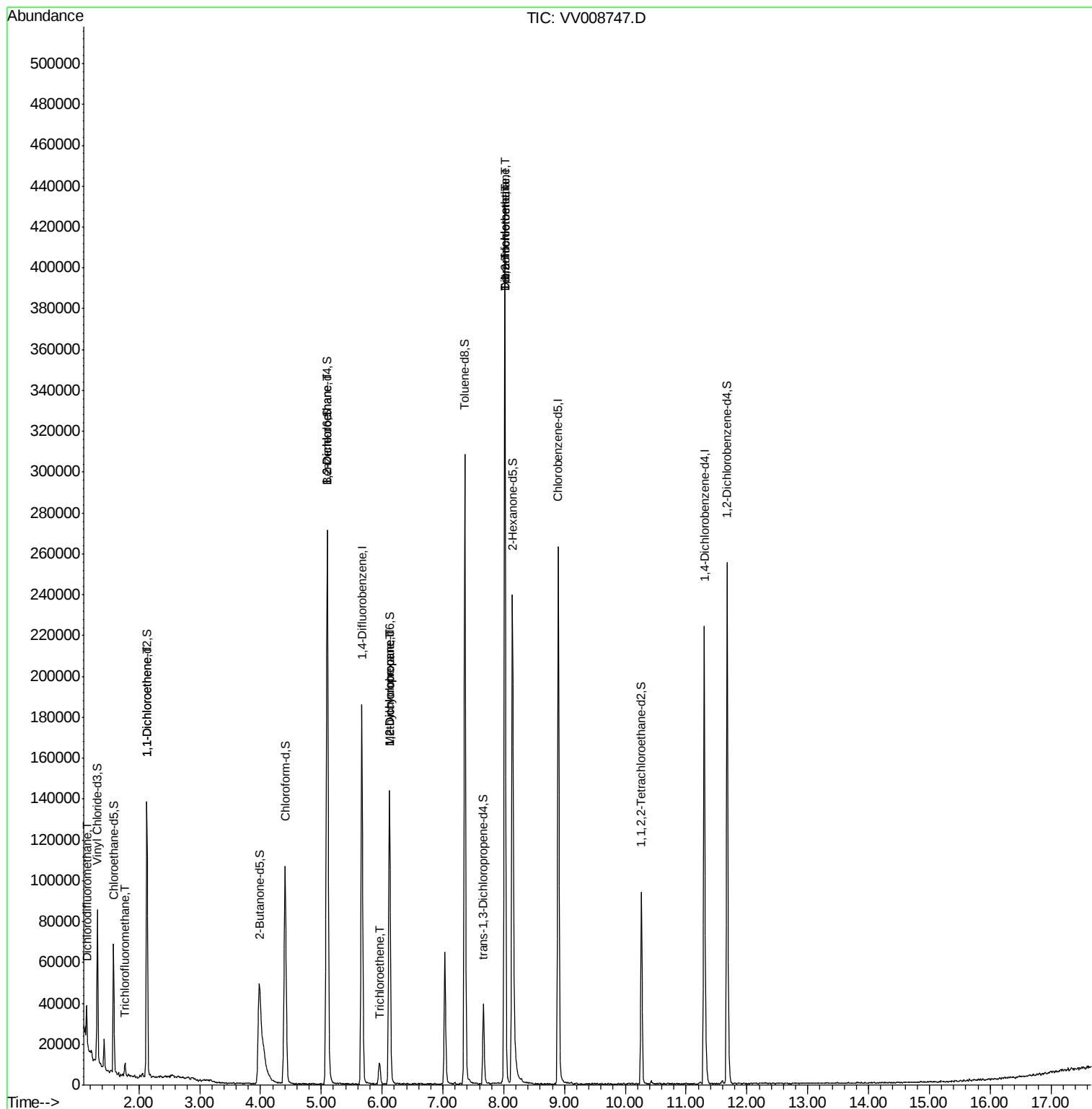
(#) = qualifier out of range (m) = manual integration (+) = signals summed

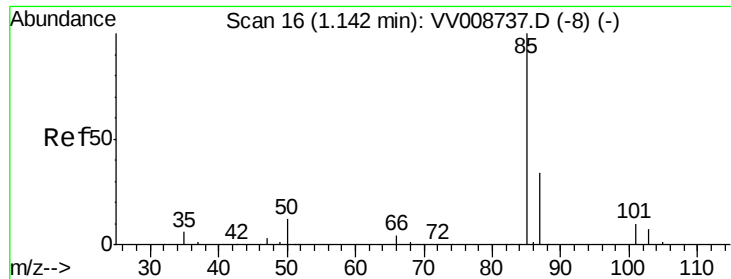
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```
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#2

Dichlorodifluoromethane

Concen: 0.773 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV008747.D

Acq: 28 Nov 2018 19:45

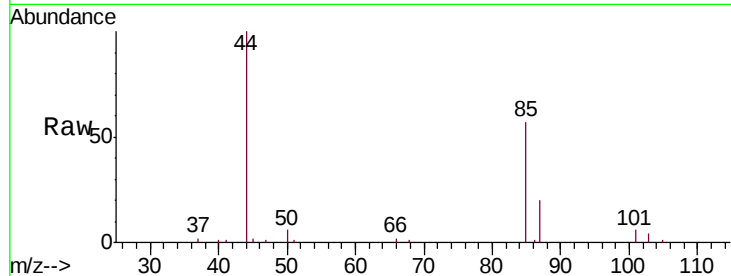
Instrument :
MSVOA_V
ClientSampleId :
YALR0

Tgt Ion: 85 Resp: 10495

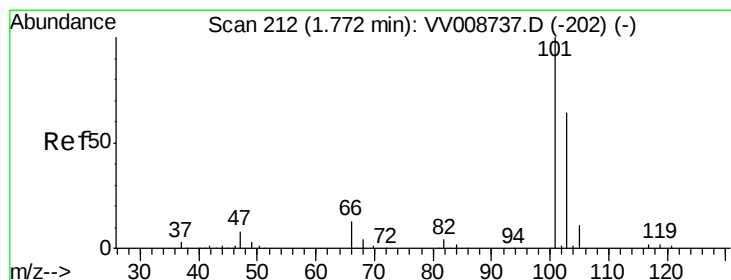
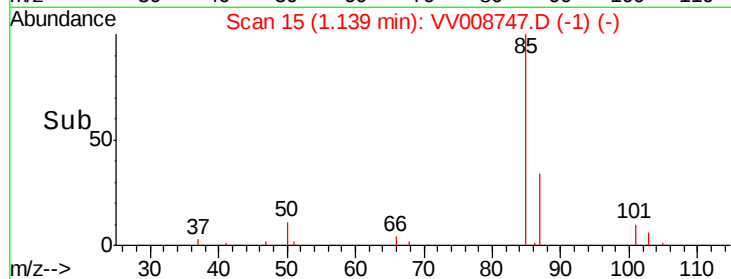
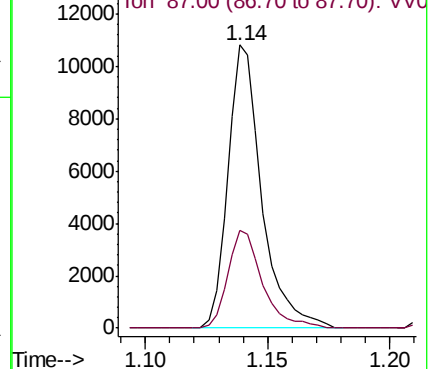
Ion Ratio Lower Upper

85 100

87 35.3 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VV008747.D (-8) (-)



#9

Trichlorofluoromethane

Concen: 0.176 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV008747.D

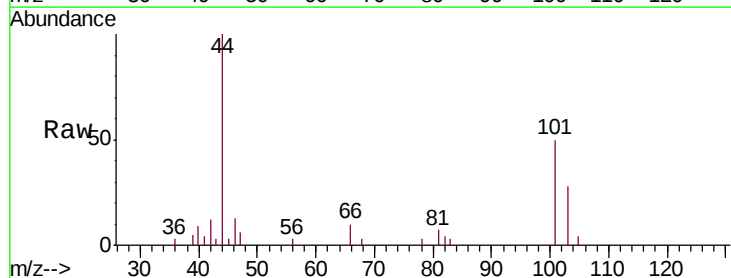
Acq: 28 Nov 2018 19:45

Tgt Ion: 101 Resp: 2635

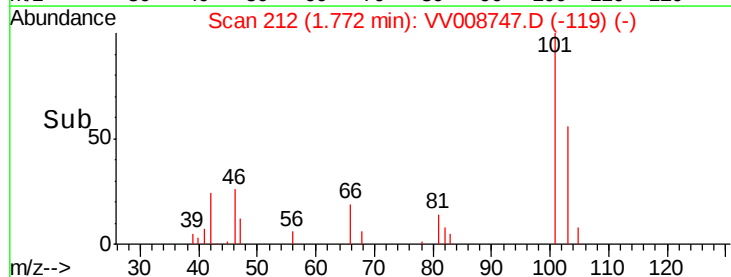
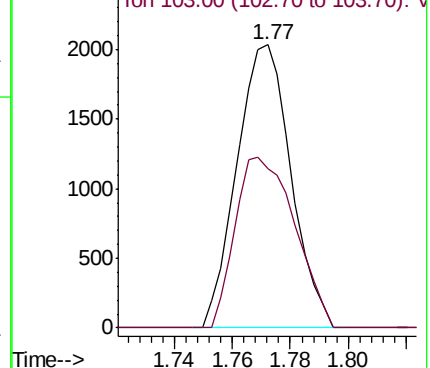
Ion Ratio Lower Upper

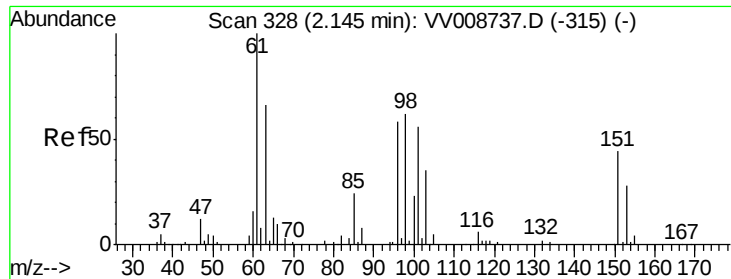
101 100

103 66.4 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV008747.D (-202) (-)





#12

1,1-Dichloroethene

Concen: 0.172 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV008747.D

Acq: 28 Nov 2018 19:45

Instrument :

MSVOA_V

ClientSampleId :

YALR0

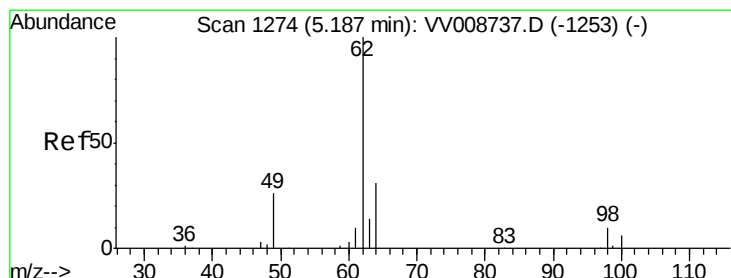
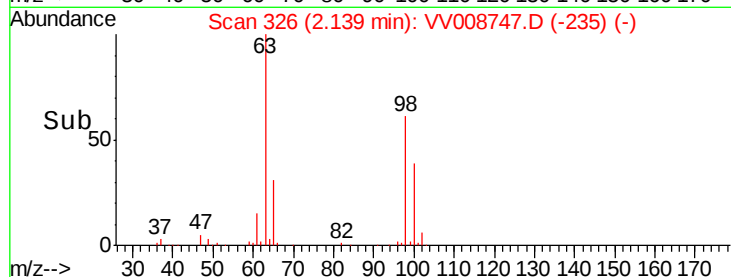
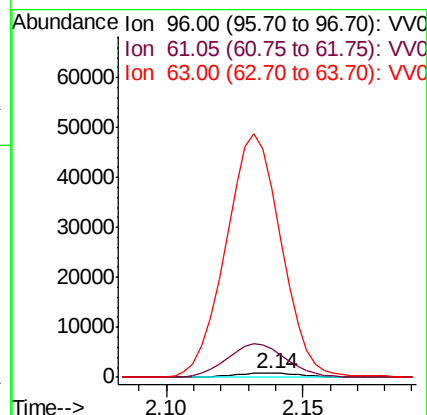
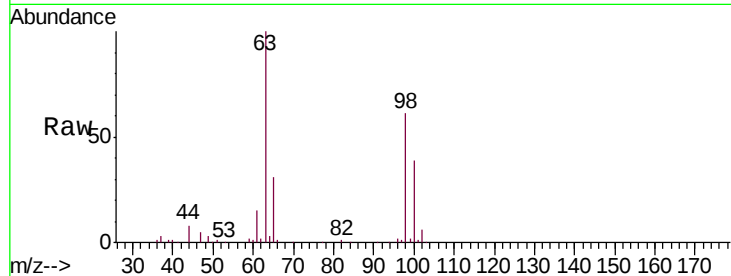
Tgt Ion: 96 Resp: 1361

Ion Ratio Lower Upper

96 100

61 684.4 118.0 219.2#

63 4560.5 95.3 177.1#



#27

1,2-Dichloroethane

Concen: 0.110 ug/L

RT: 5.10 min Scan# 1248

Delta R.T. -0.08 min

Lab File: VV008747.D

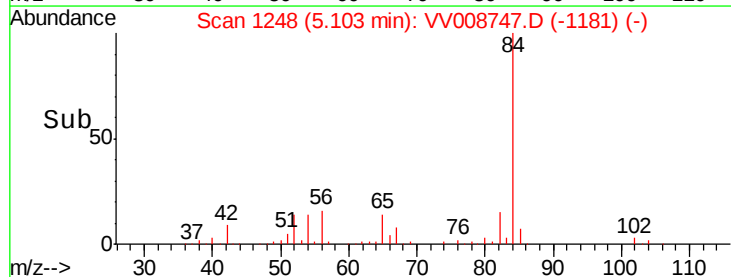
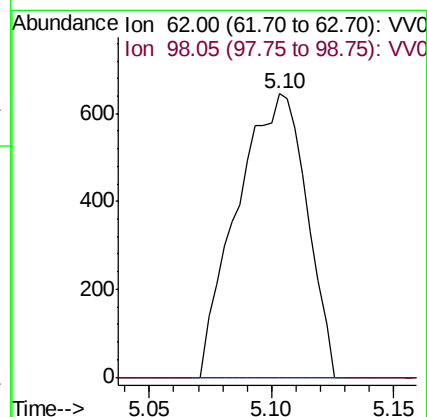
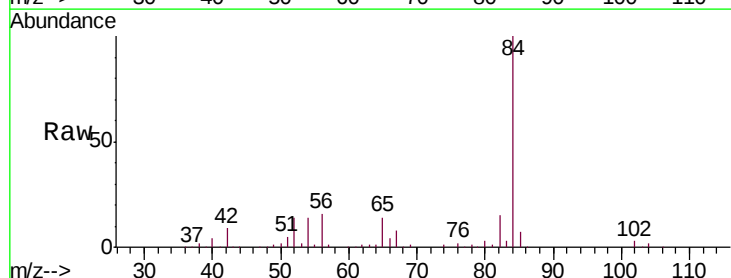
Acq: 28 Nov 2018 19:45

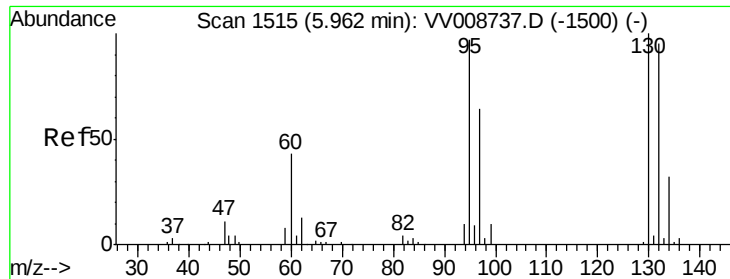
Tgt Ion: 62 Resp: 1272

Ion Ratio Lower Upper

62 100

98 0.0 6.6 9.8#





#34

Trichloroethene

Concen: 0.227 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VV008747.D

Acq: 28 Nov 2018 19:45

Instrument :

MSVOA_V

ClientSampleId :

YALR0

Tgt Ion: 95 Resp: 2753

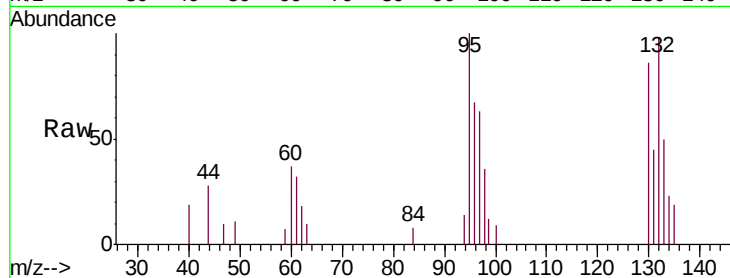
Ion Ratio Lower Upper

95 100

97 63.0 45.1 83.9

132 98.2 68.0 126.4

130 86.4 70.4 130.8



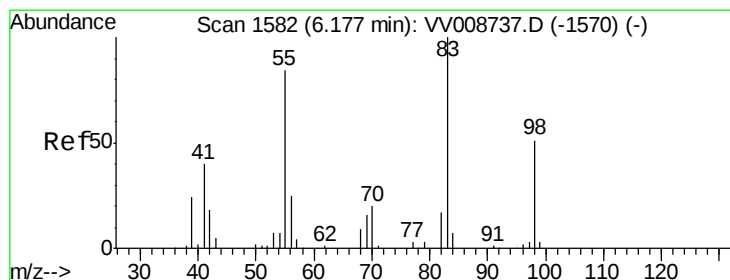
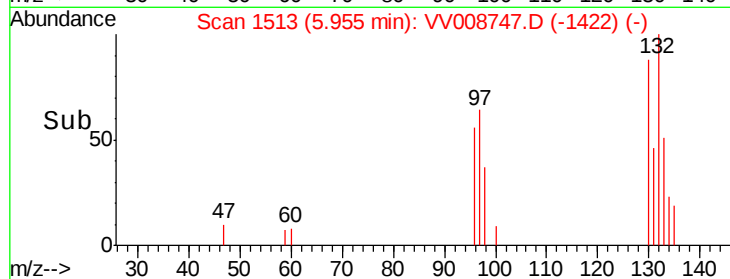
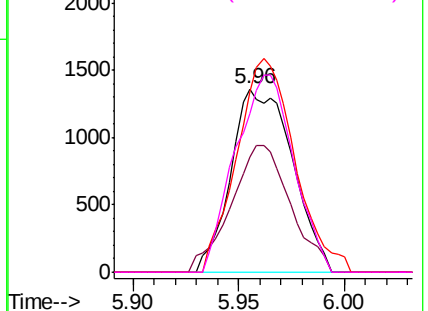
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.865 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008747.D

Acq: 28 Nov 2018 19:45

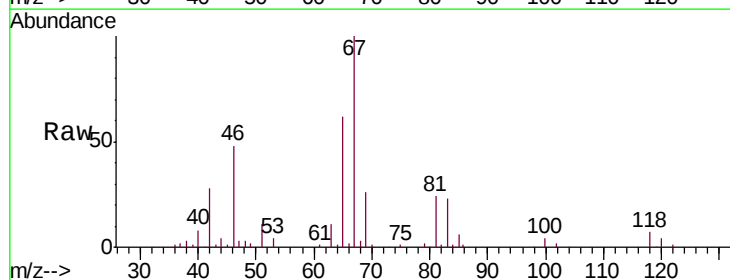
Tgt Ion: 83 Resp: 16722

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

98 0.3 37.1 55.7#

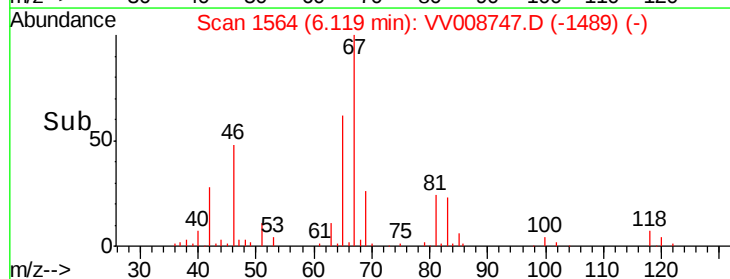
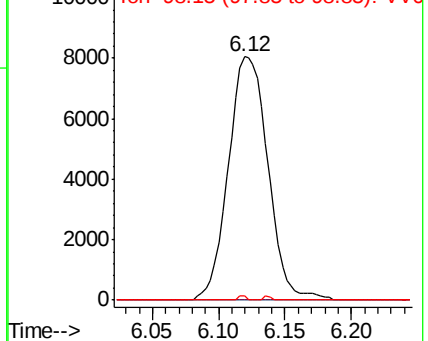


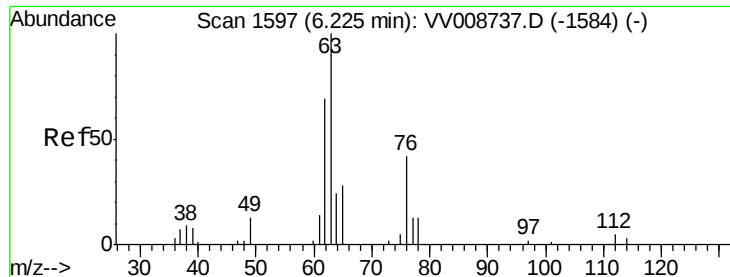
Abundance

Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.695 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008747.D

Acq: 28 Nov 2018 19:45

Instrument :

MSVOA_V

ClientSampleId :

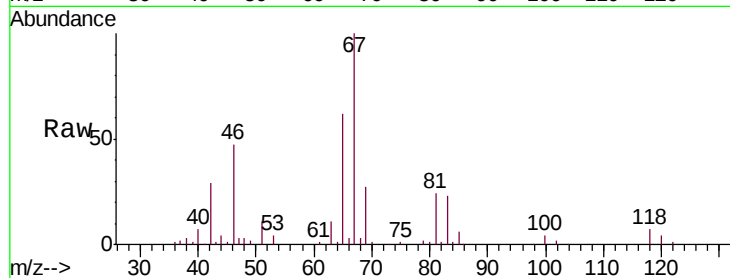
YALR0

Tgt Ion: 63 Resp: 7656

Ion Ratio Lower Upper

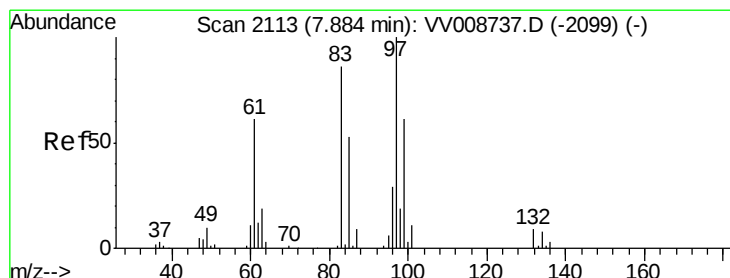
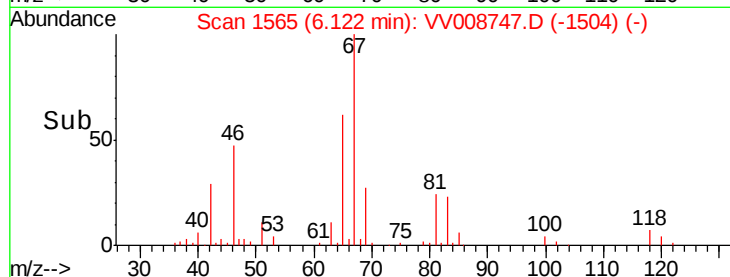
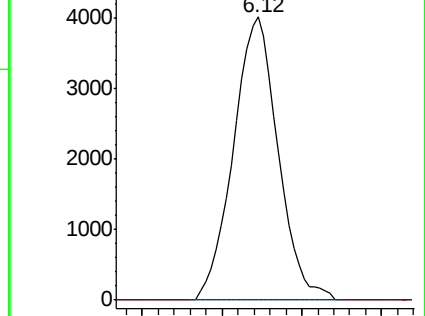
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VV008737.D (-1584) (-)

Ion 112.10 (111.80 to 112.80): VV008737.D (-1584) (-)



#45

1,1,2-Trichloroethane

Concen: 0.112 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.14 min

Lab File: VV008747.D

Acq: 28 Nov 2018 19:45

Tgt Ion: 97 Resp: 825

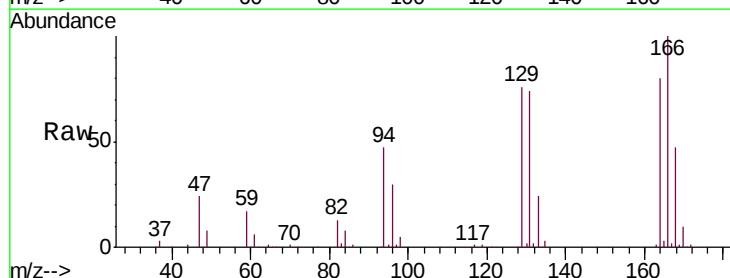
Ion Ratio Lower Upper

97 100

99 0.0 43.8 81.4#

83 270.3 55.8 103.6#

85 33.1 34.6 64.3#

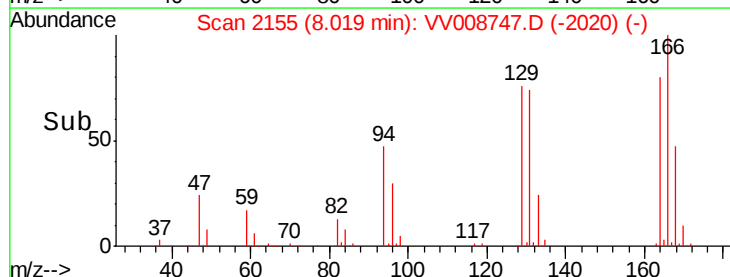
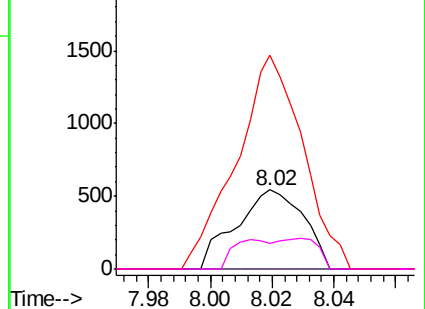


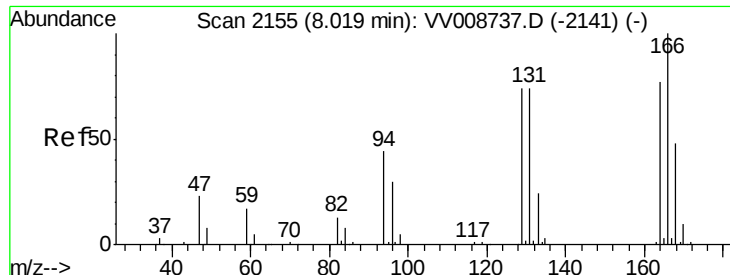
Abundance Ion 96.95 (96.65 to 97.65): VV008737.D (-2099) (-)

Ion 99.05 (98.75 to 99.75): VV008737.D (-2099) (-)

Ion 82.95 (82.65 to 83.65): VV008737.D (-2099) (-)

Ion 85.00 (84.70 to 85.70): VV008737.D (-2099) (-)

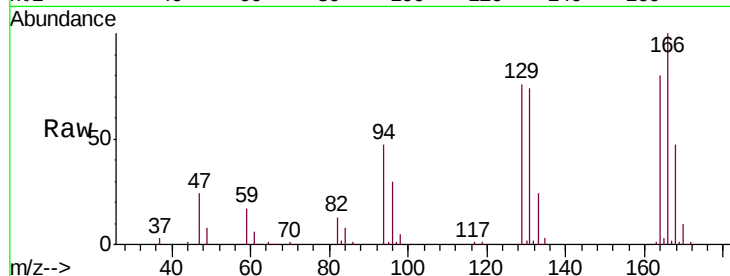




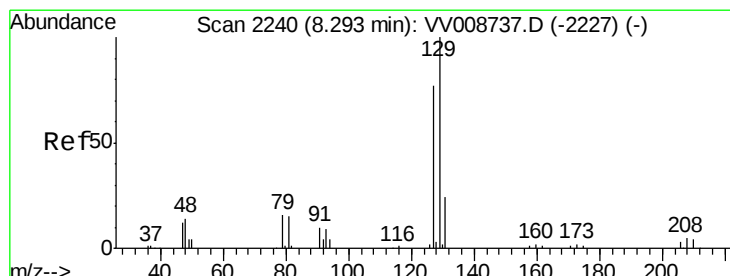
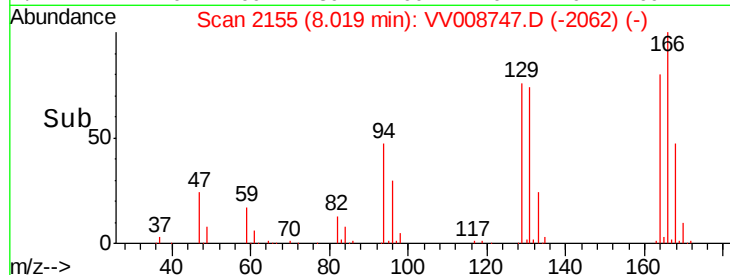
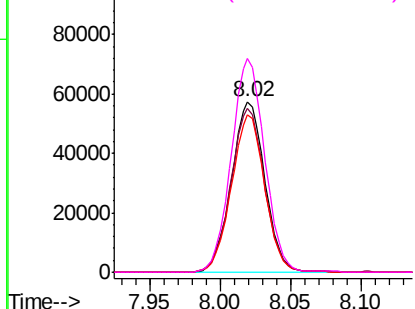
#47
Tetrachloroethene
Concen: 10.413 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV008747.D
Acq: 28 Nov 2018 19:45

Instrument :
MSVOA_V
ClientSampleId :
YALR0

Tgt Ion:164 Resp: 95281
Ion Ratio Lower Upper
164 100
129 95.7 68.9 127.9
131 92.5 66.2 123.0
166 125.2 91.1 169.1

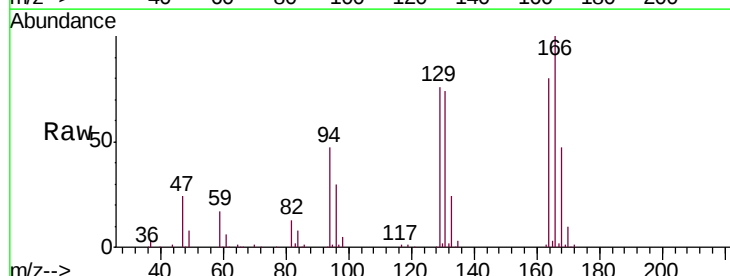


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 11.234 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008747.D
Acq: 28 Nov 2018 19:45

Tgt Ion:129 Resp: 86588
Ion Ratio Lower Upper
129 100
127 0.0 54.8 101.8#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

